

**REMARKS**

By this Amendment, Applicant amends claims 1, 5, 8-12, 17, and 18. Accordingly, claims 1-18 are pending in this application, claims 4-17 being withdrawn from consideration. Applicant respectfully requests reconsideration and prompt allowance of the pending claims at least in light of the following remarks.

Applicant appreciates the courtesies shown to Applicant's representative by Examiner Ho in the September 13 personal interview. Applicant incorporates a separate record of the substance of the interview into the following remarks. Specifically, Applicant amends claims 1, 8, 11, 12, 17, and 18 as proposed during the interview. Accordingly, as discussed below, all of pending claims 1-18 are patentable over the applied art.

The Office Action rejects claims 1-3 and 18 under 35 U.S.C. §112, second paragraph, as indefinite. By this Amendment, Applicant amends claims 1 and 18 as suggested by the Office Action. Accordingly, claims 1-3 and 18 are definite. Applicant respectfully request withdrawal of the rejection.

By this Amendment, Applicant also amends withdrawn claims 5, 8-12, and 17 to maintain consistency with claims 1 and 18, to correct informalities, and/or to avoid a subsequent rejection of claims 8 and 11 upon rejoinder.

The Office Action objects to claim 12 for an informality. By this Amendment, Applicant amends claim 12 as suggested by the Office Action. Applicant respectfully requests withdrawal of the objection.

The Office Action rejects claims 1-3 and 18 under 35 U.S.C. §103(a) over U.S. Patent 6,606,120 to Merrill et al. (hereinafter "Merrill"). Applicant respectfully traverses the rejection.

Merrill fails to disclose disclose, teach, or suggest at least an electronic signal that represents a multi-color image or an x-ray image" and "a controller that selectively stores the entirety of the electronic signal provided by the sensor in either the first capacitor or the second capacitor," as recited in claims 1 and 18. Rather, as agreed during the personal interview, the electronic signal in Merrill that may be stored in either a first capacitor (e.g., capacitor 110-1) or a second capacitor (e.g., capacitor 110-4) can only be considered to represent a monochromatic image.

Because Merrill fails to disclose, teach, or suggest, at least an electronic signal that represents a multi-color image or an x-ray image" and "a controller that selectively stores the entirety of the electronic signal provided by the sensor in either the first capacitor or the second capacitor," claims 1 and 18 are patentable over Merrill.

Further, Applicant respectfully submits that claims 2 and 3 are patentable over Merrill for at least the reasons that claim 1 is patentable, as well as for the additional features they recite. Accordingly, Applicant respectfully requests withdrawal of the rejection.

Finally, claims 1 and 18 are generic to all species identified in the October 5, 2004 Election of Species Requirement. Claims 4-17 recite or incorporate at least the above-discussed allowable features of claims 1 and 18. Thus, Applicant respectfully requests that withdrawn claims 4-17 be rejoined and allowed in accordance with MPEP §809.02(c)(B)(1).

In view of at least the foregoing, Applicant respectfully submits that this application is in condition for allowance. Applicant earnestly solicits favorable reconsideration and prompt allowance of claims 1-18.

Respectfully submitted,



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